

# CodeIgniter - Creating and loading Views

Topics : [Codeigniter](#)

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Creating and loading views in CodeIgniter is a straightforward process. Here's a step-by-step guide on how to create and load views:

## 1. Create a View File:

1. Navigate to the `application/views` directory in your CodeIgniter project.
2. Create a new PHP file for your view. The file name represents the name of the view.
3. Define the HTML markup and any embedded PHP code needed to render the view.

Example view file (`welcome_message.php`):

```
<!DOCTYPE html>
<html>
<head>
  <title>Welcome to CodeIgniter</title>
</head>
<body>
  <h1>Welcome, <?php echo $username; ?>!</h1>
  <p><?php echo $message; ?></p>
</body>
</html>
```

## 2. Load the View from a Controller:

1. Within your controller method, load the view using the `$this->load->view()` method.
2. Pass any data needed by the view as an associative array.

Example controller method:

```
public function index() {
  // Load view with data
  $data['username'] = 'John';
  $data['message'] = 'Welcome to my CodeIgniter application!';
  $this->load->view('welcome_message', $data);
}
```

### 3. Passing Data to Views:

- Data passed from the controller to the view is accessible as PHP variables within the view file.
- In the example above, the `$data` array contains the 'username' and 'message' keys, which are accessed as `$username` and `$message` in the view.

### 4. Loading Views with Partial Views:

- You can also load partial views within other views using the `$this->load->view()` method.
- Partial views allow you to encapsulate reusable components or sections of your application's user interface.

### 5. Best Practices:

- Keep views focused on presentation logic and user interface elements. Avoid placing complex business logic or database queries directly in views.
- Use view templates or layouts to encapsulate common page elements like headers, footers, and navigation bars.
- Leverage CodeIgniter's built-in helpers and libraries within views to perform common tasks such as form input generation, URL creation, and data formatting.

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